

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: September 21, 2004, 22:41:53 : Search time 135 Seconds  
(without alignments)  
1558.091 Million cell updates/sec

Title: US-10-663-157-2

Perfect score: 3456

Sequence: 1 MGTSPSSSSVSTALASCRIAR.....SQEASQTLDVSYSHLPDLL 655

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1342398 seqs, 32113274 residues

Total number of hits satisfying chosen parameters: 1342398

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA:\*

1: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep:\*  
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11: /cgn2\_6/ptodata/2/pubpaa/US09C\_PUBCOMB.pep:\*  
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15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep:\*  
16: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
17: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*  
18: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	3456	100.0	655	9	US-09-840-795-6 Sequence 6, Appl1
2	3456	100.0	655	9	US-09-978-295A-64 Sequence 64, Appl1
3	3456	100.0	655	9	US-09-978-295A-64 Sequence 64, Appl1
4	3456	100.0	655	9	US-09-978-697-64 Sequence 64, Appl1
5	3456	100.0	655	9	US-09-978-192A-64 Sequence 64, Appl1
6	3456	100.0	655	9	US-09-999-832A-64 Sequence 64, Appl1
7	3456	100.0	655	10	US-09-978-189-64 Sequence 64, Appl1
8	3456	100.0	655	10	US-09-978-608A-64 Sequence 64, Appl1
9	3456	100.0	655	10	US-09-978-585A-64 Sequence 64, Appl1
10	3456	100.0	655	10	US-09-978-191A-64 Sequence 64, Appl1
11	3456	100.0	655	10	US-09-978-403A-64 Sequence 64, Appl1
12	3456	100.0	655	10	US-09-978-564A-64 Sequence 64, Appl1
13	3456	100.0	655	10	US-09-999-833A-64 Sequence 64, Appl1
14	3456	100.0	655	10	US-09-981-915A-64 Sequence 64, Appl1
15	3456	100.0	655	10	US-09-978-824-64 Sequence 64, Appl1

16	3456	100.0	655	10	US-09-918-585A-64 Sequence 64, Appl1
17	3456	100.0	655	10	US-09-978-423A-64 Sequence 64, Appl1
18	3456	100.0	655	10	US-09-978-192A-64 Sequence 64, Appl1
19	3456	100.0	655	10	US-09-999-830A-64 Sequence 64, Appl1
20	3456	100.0	655	10	US-09-978-757A-64 Sequence 64, Appl1
21	3456	100.0	655	10	US-09-978-187B-64 Sequence 64, Appl1
22	3456	100.0	655	10	US-09-978-643A-64 Sequence 64, Appl1
23	3456	100.0	655	10	US-09-978-378A-64 Sequence 64, Appl1
24	3456	100.0	655	10	US-09-978-298A-64 Sequence 64, Appl1
25	3456	100.0	655	10	US-09-978-188A-64 Sequence 64, Appl1
26	3456	100.0	655	10	US-09-978-681A-64 Sequence 64, Appl1
27	3456	100.0	655	10	US-09-978-194A-64 Sequence 64, Appl1
28	3456	100.0	655	10	US-09-999-829A-64 Sequence 64, Appl1
29	3456	100.0	655	10	US-09-978-299A-64 Sequence 64, Appl1
30	3456	100.0	655	10	US-09-978-544A-64 Sequence 64, Appl1
31	3456	100.0	655	10	US-09-978-665A-64 Sequence 64, Appl1
32	3456	100.0	655	10	US-09-978-802A-64 Sequence 64, Appl1
33	3456	100.0	655	12	US-10-164-749A-64 Sequence 418, App
34	3456	100.0	655	12	US-10-206-915-418 Sequence 418, App
35	3456	100.0	655	12	US-10-199-670-418 Sequence 418, App
36	3456	100.0	655	12	US-10-201-858-418 Sequence 418, App
37	3456	100.0	655	12	US-10-257-907-2 Sequence 2, Appl1
38	3456	100.0	655	12	US-09-999-831A-64 Sequence 64, Appl1
39	3456	100.0	655	12	US-10-205-899-418 Sequence 418, App
40	3456	100.0	655	12	US-10-208-024-418 Sequence 418, App
41	3456	100.0	655	12	US-10-201-853-418 Sequence 418, App
42	3456	100.0	655	12	US-10-013-917A-64 Sequence 64, Appl1
43	3456	100.0	655	12	US-10-174-581-418 Sequence 418, App
44	3456	100.0	655	12	US-10-176-483-418 Sequence 418, App
45	3456	100.0	655	12	US-10-176-749-418 Sequence 418, App

ALIGNMENTS

RESULT 1  
US-09-840-795-6  
Sequence 6, Application US/09840795  
Patent No. US20020143147A1  
GENERAL INFORMATION:  
APPLICANT: Murphy, Erin E.  
APPLICANT: Matyson, Jeanine D.  
APPLICANT: Bates, Elizabeth Esther Mary  
APPLICANT: Gorman, Daniel M.  
TITLE OF INVENTION: Mammalian Genes; Related Reagents  
FILE REFERENCE: SF0818X  
CURRENT APPLICATION NUMBER: US/09/840,795  
PRIOR FILING DATE: 2001-04-23  
PRIOR APPLICATION NUMBER: 09/351,777  
PRIOR FILING DATE: 1999-07-12  
NUMBER OF SEQ ID NOS: 19  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 6  
LENGTH: 655  
TYPE: PRT  
ORGANISM: primate  
US-09-840-795-6  
Query Match 100.0%: Score 3456; DB 9; Length 655;  
Best Local Similarity 100.0%: Pred. No. 2e-267;  
Matches 655; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MGTSPSSSSVSTALASCRIARATVMTAGSLILGFSTTAAPEQKASNIIGTRYHYDRA 60  
Db 1 MGTSPSSSSVSTALASCRIARATVMTAGSLILGFSTTAAPEQKASNIIGTRYHYDRA 60  
QY 61 TCGVLTCDKCPAGTYSEKCTNTSLAVCSGCPVGTFRHANGIEKCHDCSQPCWPMTEK 120  
Db 61 TCGVLTCDKCPAGTYSEKCTNTSLAVCSGCPVGTFRHANGIEKCHDCSQPCWPMTEK 120  
QY 121 LFCALITDEKTCPPGMPFSNATCAPIHTVCPVGMGVKGTETEDVACKCCARSTFSDVP 180  
Db 121 LFCALITDEKTCPPGMPFSNATCAPIHTVCPVGMGVKGTETEDVACKCCARSTFSDVP 180

Db 121 LFCALTDRECTCPGPMFQSNATCAPIVTCFVGWVRKKGTEDEDVRCQACAGTFSVDP 180  
Qy 181 SSWACKAYTDLCLSONLVVVKPQTKETDVCGLPFSSSTSSPGATIPREHMETHE 240  
Db 181 SSWACKAYTDLCLSONLVVVKPQTKETDVCGLPFSSSTSSPGATIPREHMETHE 240  
Qy 241 VPSSTVYKGMNSTSSNSASVPRVLSIOGTVDNTSSARGKEDVNTLPLQVNH 300  
Db 241 VPSSTVYKGMNSTSSNSASVPRVLSIOGTVDNTSSARGKEDVNTLPLQVNH 300  
Qy 301 QCGHHRHILKLLPSMEAATGSEKSTPIKGRKGRPRLHGHFDINEHLPMTIVYFLL 360  
Db 301 QCGHHRHILKLLPSMEAATGSEKSTPIKGRKGRPRLHGHFDINEHLPMTIVYFLL 360  
Qy 361 VLAVIVVCSIRKSSRTLLKGRPOPSAIVEKAGLKSMTPTONREKVIYCCNGHGDILK 420  
Db 361 VLAVIVVCSIRKSSRTLLKGRPOPSAIVEKAGLKSMTPTONREKVIYCCNGHGDILK 420  
Qy 421 LVAAQVGSQWKDIYQFLCNASEREVAAFNGYTADEHAYALAHWTIRGPASIALQILS 480  
Db 421 LVAAQVGSQWKDIYQFLCNASEREVAAFNGYTADEHAYALAHWTIRGPASIALQILS 480  
Qy 481 ALRQHRNDVVEKIRGMEDTTOETPKALPMSPPSPSPSPSPSPSPSPSPSPSPSPSPSP 540  
Db 481 ALRQHRNDVVEKIRGMEDTTOETPKALPMSPPSPSPSPSPSPSPSPSPSPSPSPSPSP 540  
Qy 541 SPQDKKXGFVDESEPLRCDSTSSGSSALSRRNGSFITKEKDVTLQVRLDPCDLOPIF 600  
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Qy 601 DDMHFILNPEELRVIEIRIQAEDKDLRLPFIITGVKSQASQTLDSVYSHLPDLL 655  
Db 601 DDMHFILNPEELRVIEIRIQAEDKDLRLPFIITGVKSQASQTLDSVYSHLPDLL 655

## RESULT 2

US-09-978-295A-64

Sequence 64, Application US/09978295A

Patent No. US20020156006A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Bolstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavitt, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James/  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C11  
CURRENT APPLICATION NUMBER: US/09/978, 295A  
CULING FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
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PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
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PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09

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OM protein - protein search, using SW model

Run on: September 21, 2004, 22:26:56 ; Search time 127 Seconds

(without alignments)  
1457.233 Million cell updates/sec

Title: US-10-663-157-2

Perfect score: 3456

Sequence: 1 MGTSPSSSSALALSCSRHARR.....SQEASQTLDSVYSHLPDL 655

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1586107 seqs, 282547505 residues

Total number of hits satisfying chosen parameters: 1586107

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : A\_Geneseq\_29Jan04:\*

1: geneseqp1980s:\*\n2: geneseqp1990s:\*\n3: geneseqp2000s:\*\n4: geneseqp2001s:\*\n5: geneseqp2002s:\*\n6: geneseqp2003as:\*\n7: geneseqp2003bs:\*\n8: geneseqp2004s:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query %	Match Length	ID	Description
1	3456	100.0	655	2 AAW81059	AAW81059 Novel hum
2	3456	100.0	655	2 AAY41693	AAY41693 Human PRO
3	3456	100.0	655	3 AAB01338	AAB01338 DR-6 deat
4	3456	100.0	655	3 AAB01349	AAB01349 Tumour ne
5	3456	100.0	655	3 AAB26981	AAB26981 Human tum
6	3456	100.0	655	3 AAY77460	AAY77460 Human TNF
7	3456	100.0	655	4 AAU29232	AAU29232 Human PRO
8	3456	100.0	655	4 AAE21958	AAE21958 Human dea
9	3456	100.0	655	6 ABUS8608	ABUS8608 Human PRO
10	3456	100.0	655	6 ABUS8156	ABUS8156 Novel hum
11	3456	100.0	655	6 ABUS8471	ABUS8471 Human sec
12	3456	100.0	655	6 ABR66345	ABR66345 Human sec
13	3456	100.0	655	6 ABR65735	ABR65735 Human sec
14	3456	100.0	655	6 ABUS9675	ABUS9675 Human sec
15	3456	100.0	655	6 ABUS82914	ABUS82914 Human PRO
16	3456	100.0	655	6 ABUS90035	ABUS90035 Novel hum
17	3456	100.0	655	6 ABR68284	ABR68284 Human sec
18	3456	100.0	655	6 ABUS96337	ABUS96337 Novel hum
19	3456	100.0	655	6 ABUS92768	ABUS92768 Human sec
20	3456	100.0	655	6 ABO08845	ABO08845 Human sec
21	3456	100.0	655	6 ABO02897	ABO02897 Human sec
22	3456	100.0	655	6 ABR75051	ABR75051 Human sec
23	3456	100.0	655	6 ABR94813	ABR94813 Human sec
24	3456	100.0	655	6 ABO25195	ABO25195 Novel hum
25	3456	100.0	655	6 ABUS5786	ABUS5786 Human PRO

26	3456	100.0	655	6 ABUS98946	ABUS98946 Novel hum
27	3456	100.0	655	6 ABUS98161	ABUS98161 Novel hum
28	3456	100.0	655	6 ABUS91867	ABUS91867 Novel hum
29	3456	100.0	655	6 ABR48180	ABR48180 Human B1a
30	3456	100.0	655	6 ABUS72201	ABUS72201 Novel hum
31	3456	100.0	655	6 ABUS89560	ABUS89560 Human PRO
32	3456	100.0	655	6 ABUS66401	ABUS66401 Human sec
33	3456	100.0	655	6 ABUS67614	ABUS67614 Human sec
34	3456	100.0	655	6 ABUS80642	ABUS80642 Human PRO
35	3456	100.0	655	6 ABR99560	ABR99560 Human sec
36	3456	100.0	655	6 ABR98950	ABR98950 Human sec
37	3456	100.0	655	6 ABO16473	ABO16473 Human sec
38	3456	100.0	655	6 ABR92373	ABR92373 Human sec
39	3456	100.0	655	6 ABO19014	ABO19014 Human sec
40	3456	100.0	655	6 ABR78435	ABR78435 Human sec
41	3456	100.0	655	6 ABUS6639	ABUS6639 Lung carc
42	3456	100.0	655	6 ABUS5171	ABUS5171 Novel hum
43	3456	100.0	655	6 ABO00310	ABO00310 Novel hum
44	3456	100.0	655	6 ABO11642	ABO11642 Human sec
45	3456	100.0	655	6 ABO02287	ABO02287 Human sec

## ALIGNMENTS

RESULT 1  
AAW81059  
ID AAW81059 standard; protein; 655 AA.

XX AAW81059;

XX 10-MAY-1999 (first entry)

XX Novel human tumor necrosis factor receptor TR9.

XX Human; tumour necrosis factor receptor; TNFR; TR9 receptor; cancer;

XX apoptosis; agonist; inhibitor; autoimmune disorder; viral infection;

XX inflammation; antagonist; AIDS; neurodegenerative disorder.

XX Homo sapiens.

XX Key Location/Qualifiers

XX Peptide 1..40

XX Peptide /note="signal peptide"

XX Peptide 41..655

XX Peptide /note="mature protein"

XX MO9856892-A1.

XX 17-DEC-1998.

XX 10-JUN-1998; 98WO-US011932.

XX 11-JUN-1997; 97US-0052991P.

XX (HUMA-) HUMAN GENOME SCI INC.

XX Ni J, Yu G, Fan P, Gentz RL;

XX MPI; 1999-060325/05.

XX N-PSDB; AAV99927.

XX New isolated tumour necrosis factor-like receptor. TR9 - used to develop

XX products for treating e.g. cancers, autoimmune disorders, viral

XX infections, inflammation, graft rejection, neurodegenerative disorders or

XX ischaemic injury.

XX Claim 1, Fig 1, 134pp; English.

XX This is the amino acid sequence of the human tumour necrosis factor

XX receptor (TNFR), TR9 receptor, used in the method of the invention to

XX develop products to treat disorders such as cancers. The novel TNFR, TR9,

XX can be used to identify agents for modifying apoptosis. Agents can be

used to treat diseases associated with increased cell survival, or the inhibition of apoptosis, including cancers (e.g. follicular lymphomas, carcinomas with p53 mutations, and hormone-dependent tumours, such as breast cancer, prostate cancer, Kaposi's sarcoma and ovarian cancer), autoimmune disorders (e.g. systemic lupus erythematosus and immune-related glomerulonephritis rheumatoid arthritis), viral infections (e.g. herpes viruses, pox viruses and adenoviruses), inflammation, graft vs host disease, acute graft rejection and chronic graft rejection. Antagonists can be used to treat diseases associated with increased apoptosis including AIDS, neurodegenerative disorders (e.g. Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, retinitis pigmentosa, cerebellar degeneration), myelodysplastic syndromes (e.g. aplastic anemia), ischemic injury (e.g. that caused by myocardial infarction, stroke and reperfusion injury), toxin-induced liver disease (e.g. that caused by alcohol), septic shock, cachexia, anorexia, inflammatory bowel disease, stress response related diseases, such as inflammatory bowel disease, rheumatoid arthritis, osteoarthritis, psoriasis and septicemia. The products can also be used for detection and diagnosis

CC used to treat diseases associated with increased cell survival, or the  
 CC inhibition of apoptosis, including cancers (e.g. follicular lymphomas,  
 CC carcinomas with p53 mutations, and hormone-dependent tumours, such as,  
 CC breast cancer, prostate cancer, Kaposi's sarcoma and ovarian cancer),  
 CC autoimmune disorders (e.g. systemic lupus erythematosus and immune-  
 CC related glomerulonephritis rheumatoid arthritis), viral infections (e.g.  
 CC herpes viruses, pox viruses and adenoviruses), inflammation, graft vs  
 CC host disease, acute graft rejection and chronic graft rejection.  
 CC Antagonists can be used to treat diseases associated with increased  
 CC apoptosis including AIDS, neurodegenerative disorders (e.g. Alzheimer's  
 CC disease, Parkinson's disease, amyotrophic lateral sclerosis, retinitis  
 CC pigmentosa, cerebellar degeneration), myelodysplastic syndromes (e.g.  
 CC aplastic anemia), ischemic injury (e.g. that caused by myocardial  
 CC infarction, stroke and reperfusion injury), toxin-induced liver disease  
 CC (e.g. that caused by alcohol), septic shock, cachexia, anorexia,  
 CC inflammatory bowel disease, stress response related diseases, such as  
 CC inflammatory bowel disease, rheumatoid arthritis, osteoarthritis,  
 CC psoriasis and septicemia. The products can also be used for detection and  
 CC diagnosis  
 CC  
 XX  
 SQ Sequence 655 AA;

Query Match 100.0%; Score 3456; DB 2; Length 655;  
 Best Local Similarity 100.0%; Pred. No. 1.3e-274;  
 Matches 655; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGTPSSSTALASCSRIARRATATMAGSLLLGLPSTTTAOPBKASNLGTRHVRA 60  
 DB 1 MGTPSSSTALASCSRIARRATATMAGSLLLGLPSTTTAOPBKASNLGTRHVRA 60  
 QY 61 TGVVLTCDCRPATYSEHCTNLSLRVSCSPVGTFRHENGIEKCHDCSOPCPWPMTEK 120  
 DB 61 TGVVLTCDCRPATYSEHCTNLSLRVSCSPVGTFRHENGIEKCHDCSOPCPWPMTEK 120  
 QY 121 LFCALITDRECTCPPMFQSNATCAPIHTVCPVGMGKVKKTEEDVACCKCARCTSDVP 180  
 DB 121 LFCALITDRECTCPPMFQSNATCAPIHTVCPVGMGKVKKTEEDVACCKCARCTSDVP 180  
 QY 181 SSMKCKAYTDCISQNLVYIKPRTKTDVNCGLPSPSSSTSPSGTALPRPEHMETHE 240  
 DB 181 SSMKCKAYTDCISQNLVYIKPRTKTDVNCGLPSPSSSTSPSGTALPRPEHMETHE 240  
 QY 181 SSMKCKAYTDCISQNLVYIKPRTKTDVNCGLPSPSSSTSPSGTALPRPEHMETHE 240  
 DB 181 SSMKCKAYTDCISQNLVYIKPRTKTDVNCGLPSPSSSTSPSGTALPRPEHMETHE 240  
 QY 241 VPSSITVYKGNSTSSNSASVAPKVLSSIOEGTVDNNTSSARGKEDVAKTLPNLQVNH 300  
 DB 241 VPSSITVYKGNSTSSNSASVAPKVLSSIOEGTVDNNTSSARGKEDVAKTLPNLQVNH 300  
 QY 301 QCGPHRHIIKLPLPMEATGCKSSTPIKGRGHPRLAHKFDINEHLPMWIVFLLL 360  
 DB 301 QCGPHRHIIKLPLPMEATGCKSSTPIKGRGHPRLAHKFDINEHLPMWIVFLLL 360  
 QY 361 VLVVIVVCSIRKSSRTLLKGPDPDSALVEKAGLKKSMTPONREKWIYCCNGHIDILK 420  
 DB 361 VLVVIVVCSIRKSSRTLLKGPDPDSALVEKAGLKKSMTPONREKWIYCCNGHIDILK 420  
 QY 421 LVAAQVSSOMKDIYOFICNASERVAAFSNGYTADEHRAVALQHWITIRGEASIAQLIS 480  
 DB 421 LVAAQVSSOMKDIYOFICNASERVAAFSNGYTADEHRAVALQHWITIRGEASIAQLIS 480  
 QY 481 ALFQHRNDVVEKIRGLMEDTTOLETDKLLPMSPLSPSPISPAKLENSALLTVEP 540  
 DB 481 ALFQHRNDVVEKIRGLMEDTTOLETDKLLPMSPLSPSPISPAKLENSALLTVEP 540  
 QY 541 SPQDKKRGFFVDSSEPLRCDSTSSGSSALSRRNGSFTTKEKOTVLRQVRLDPDLPITF 600  
 DB 541 SPQDKKRGFFVDSSEPLRCDSTSSGSSALSRRNGSFTTKEKOTVLRQVRLDPDLPITF 600  
 QY 601 DMLHFLNBEELRVIEIQAEKDKRLPFIIGVKSQEAOTLIDSYSHLPDLL 655  
 DB 601 DMLHFLNBEELRVIEIQAEKDKRLPFIIGVKSQEAOTLIDSYSHLPDLL 655

ID AAY41693 standard; protein; 655 AA.

XX AAY41693;

XX 07-DEC-1999 (first entry)

XX Human PRO668 protein sequence.

KW Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;  
 KW probe; blood coagulation disorder; cancer; cellular adhesion disorder;  
 KW secreted protein; transmembrane protein.

XX Homo sapiens.

PN W09946281-A2.

PD 16-SEP-1999.

PF 08-MAR-1999; 99MO-US005028.

PR 10-MAR-1998; 98US-0077450P.

PR 11-MAR-1998; 98US-0077632P.

PR 11-MAR-1998; 98US-0077641P.

PR 12-MAR-1998; 98US-0077791P.

PR 13-MAR-1998; 98US-0078004P.

PR 17-MAR-1998; 98US-0040220.

PR 20-MAR-1998; 98US-0078910P.

PR 20-MAR-1998; 98US-0078936P.

PR 20-MAR-1998; 98US-0078939P.

PR 25-MAR-1998; 98US-0079294P.

PR 26-MAR-1998; 98US-0079655P.

PR 27-MAR-1998; 98US-0079663P.

PR 27-MAR-1998; 98US-0079664P.

PR 27-MAR-1998; 98US-0079689P.

PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079786P.

PR 30-MAR-1998; 98US-0079920P.

PR 30-MAR-1998; 98US-0079923P.

PR 31-MAR-1998; 98US-0080105P.

PR 31-MAR-1998; 98US-0080107P.

PR 31-MAR-1998; 98US-0080165P.

PR 31-MAR-1998; 98US-0080194P.

PR 01-APR-1998; 98US-0080327P.

PR 01-APR-1998; 98US-0080332P.

PR 01-APR-1998; 98US-0080344P.

PR 08-APR-1998; 98US-0081049P.

PR 08-APR-1998; 98US-0081070P.

PR 09-APR-1998; 98US-0081071P.

PR 09-APR-1998; 98US-0081195P.

PR 09-APR-1998; 98US-0081203P.

PR 15-APR-1998; 98US-0081229P.

PR 15-APR-1998; 98US-0081817P.

PR 15-APR-1998; 98US-0081838P.

PR 15-APR-1998; 98US-0081952P.

PR 15-APR-1998; 98US-0081955P.

PR 21-APR-1998; 98US-0082568P.

PR 21-APR-1998; 98US-0082569P.

PR 22-APR-1998; 98US-0082700P.

PR 22-APR-1998; 98US-0082704P.

PR 22-APR-1998; 98US-0082804P.

PR 23-APR-1998; 98US-0082767P.

PR 23-APR-1998; 98US-0082796P.

PR 27-APR-1998; 98US-0083336P.

PR 28-APR-1998; 98US-0083332P.

PR 29-APR-1998; 98US-0083392P.

PR 29-APR-1998; 98US-0083455P.

PR 29-APR-1998; 98US-0083496P.

PR 29-APR-1998; 98US-0083499P.

PR 29-APR-1998; 98US-0083500P.

PR 29-APR-1998; 98US-0083545P.

RESULT 2  
 AAY41693